

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/664,867
Attorney Docket No.: Q77431

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): Method for informing a person that he or she can access to a WLAN, said person carrying or being associated with a mobile data terminal and a radiotelephone terminal, ~~the method wherein it consists in comprising:~~

~~first detecting the presence of the WLAN, by receiving identity or presence signals broadcasted by a or the radio access point of the considered WLAN, with a radio receiver associated to or integrated in with said mobile data terminal and which is adapted and susceptible to receive radio signals broadcasted by a the WLAN, and,~~

~~then when the radio signals broadcasted by the WLAN are received, sending a signal or a message, from said mobile data terminal via a short range radio transmitter, to said radiotelephone terminal equipped with an adapted receiver, in order to informing said person that he or she can access to said WLAN.~~

2. (currently amended): Method according to claim 1, wherein ~~it consists in putting beforehand said mobile data terminal in is switched to a mode in which it scans periodically, preferably at at least one (a) given frequency(ies) or within a given frequency range, for the existence of a an identity or a presence signal from a WLAN for which the considered person is a potential user.~~

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3. (currently amended): Method according to claim-12, wherein the scanning for an available WLAN is based on detection of a or the network identifier broadcasted by the or a WLAN to which the ~~concerned~~ person has subscribed-~~subscribed~~.

4. (currently amended): Method according to claim-13, wherein a successful detection of a WLAN to which the ~~concerned~~ person has subscribed-~~subscribed~~ is also notified directly by the mobile data terminal, by means of an audio signal and/or a visual message displayed on its screen.

5. (previously presented): Method according to claim 1, wherein the mobile data terminal and the radiotelephone terminal are equipped with wireless personal area network interfaces, such as IrDa and Bluetooth interfaces.

6. (currently amended): Portable communication system able to inform a person that he or she can access to a WLAN, said system comprising a mobile data terminal and a radiotelephone terminal, wherein said mobile data terminal is associated with ~~or integrates, on~~ ~~the one hand~~, a radio receiver which is adapted ~~and susceptible~~ to receive ~~identity or presence~~ radio signals broadcasted by ~~a or the radio access point of the considered WLAN and, on the other hand,~~ a short range radio transmitter, able to send a signal or a message in order to inform said person that he or she can access to said WLAN and in that said radiotelephone terminal is

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equipped with a receiver adapted to receive the signal or message sent by said ~~short range~~
transmitter of said mobile data terminal.

7. (cancelled).

8. (new): A communication system for informing a user about Wireless Local Access Network (WLAN) availability, the system comprising:

at least one access point of the WLAN broadcasting radio signals;
a mobile data terminal detecting presence of the WLAN by identifying the radio signals
broadcasted by the WLAN and upon user request, accessing internet via the detected WLAN;
and
a radio telephone terminal receiving a notification from said mobile data terminal when
the WLAN is detected.

9. (new): The communication system according to claim 8, wherein the radio telephone
terminal communicates with the mobile data terminal via a Wireless Personal Area Network
(WPAN) and wherein the radio telephone terminal communicates in a communication network
different from the WLAN.

10. (new): The communication system according to claim 8, wherein the mobile data
terminal communicates with a WLAN in IEEE 802.111.

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11. (new): The communication system according to claim 10, wherein the mobile data terminal is a laptop and the radio telephone terminal is a cellular telephone that communicates in another communication network.

12. (new): The communication system according to claim 8, wherein the mobile data terminal and the radio telephone terminal are integrated into a single device, and wherein the mobile data terminal communicates using the WLAN via the access point of the WLAN and the radio telephone terminal communicates in an another network.

13. (new): The communication system according to claim 8, wherein the mobile data terminal detects the presence of the WLAN in real-time.

14. (new): The communication system according to claim 8, wherein the user is notified about the presence of the WLAN via a short message received by the radio telephone terminal.

15. (new): The method according to claim 5, wherein the mobile data terminal and the radiotelephone terminal are equipped with at least one of IrDa and Bluetooth interfaces.